

Hollinger Public Blast Report

Blast Pattern: 3358_030
Date: 23-Dec-16
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:15

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 13.9 km/hr
Wind Direction: S
Temperature: -0.2 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast siren

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	53.3 LAeq	108.5 dB
Edwards:	53.6 LAeq	110.5 dB
Fred:	46.0 LAeq	109.2 dB
Hollinger Office:	61.1 LAeq	114.6 dB
Noah:	59.3 LAeq	106.7 dB
Sandy:	53.8 LAeq	107.8 dB
Water Tower:	50.6 LAeq	113.7 dB
Wilson:	49.6 LAeq	108.8 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.3	7.6	7.5	8.1
Edwards:	2.7	3.0	12.6	15.0
Hollinger Office:	8.3	8.6	4.9	8.1
Hollinger Park:	3.2	3.4	13.0	13.9
Sandy:	3.7	4.0	7.6	8.1

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PORCUPINE GOLD MINES

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	1.6	3.5
Edwards:	4.9	11.4
Hollinger Office:	5.1	7.6
Hollinger Park:	2.7	3.0
Sandy:	2.7	3.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.1	0.3
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.5	0.2	0.4
Imerys:	0.2	0.3	0.2
Noah:	0.4	0.2	0.3
Moneta Pumping Station:	3.2	1.3	1.5
Sandy:	1.1	1.7	1.5
Water Tower:	0.3	0.2	0.3
Wilson:	1.0	0.7	0.9